

# William Keri

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[codevoid.site](#) – [LeetCode](#) – [Codeforces](#) – [GeeksforGeeks](#) – [Codechef](#)

## Education

Degree	Institute/College	CGPA	YOP
B.Tech in Computer Science	SRKR Engineering College, Bhimavaram	8.0/10.0 (Till 6th semester)	May 2026
Diploma in Computer Science	MBTS GOVT. College, Guntur	89%	May 2023

## Work Experience

- Full Stack Developer Intern** | **LabFox.Studio**, Remote **Jul 2025 – Present**
- Currently learning and contributing to a backend architecture involving **FastAPI, Kafka, LangChain, and RAG**.
  - Explored **LangGraph** implementation within a **RAG**-based system, conducting 10+ experiments with vector databases like Chroma and Pinecone to optimize retrieval accuracy by 15% for more relevant generated content.
  - Gaining hands-on experience with modern AI infra design and Python backend development.
- Web Development Intern** | **SRKR Institute**, Bhimavaram **Jun 2024 – Apr 2025**
- Implemented SEO best practices across the CSE website, increasing website traffic by 25% in the first quarter.
  - Migrated the project to the MERN stack, significantly enhancing user experience and overall functionality.

## Projects

- CodeQuest** | *Typescript, Node.js, Express.js, MongoDB* **Apr 2025**
- Designed and implemented a daily Problem of the Day (POTD) platform that delivers curated coding challenges and tracks user performance through personal profiles and real-time leaderboards.
  - Engineered the **profile linkage and automated synchronization** of user statistics across Leetcode, Codeforces, GFG, and CodeChef, which eliminated 95% of manual profile updates.
  - Implemented **Type-sense** search for 100% quick and precise identification of user profiles and challenges.
- AI Yoga Assistant** | Demo | *React.js, Node.js, MongoDB, Tensor Flow Move-net* **Sep 2024**
- Participated in the creation of an AI Yoga Assistant that provides users with personalized feedback and real-time pose detection with an accuracy of 92%.
  - Incorporated the **move-net model** for pose detection and developed the frontend interface for smooth user experience.
- Geo-location Attendance Tracking** | GitHub | *React.js, Node.js, MongoDB* **Nov 2024**
- Assisted in the development of an Automatic Attendance Tracking System that employs geolocation to automatically check in employees within a 200-meter office radius and check them out upon their departure.

## Skills

**Languages:** C, C++, Python, JavaScript  
**Technologies/Frameworks:** React.js, Next.js, Express.js, Node.js, FastAPI, LangChain, LangGraph, Kafka  
**Databases:** MongoDB, MySQL, PostgreSQL  
**Tools:** Git, GitHub, Postman, Docker  
**Others:** Data Structures and Algorithms, Machine Learning

## Certificates

- Summer Training Program by GFG
- Google Cloud Career by Google Cloud
- Vedic Vision Hackathon by SRKR
- Winter Coding Contest 4.0 by VNRVJIET

## Achievements

- Pupil (1350+) rated on Codeforces (Max Rating: 1397).
- Achieved global rank under 1000 on CodeChef more than 5 times (Best: 37 in Div-3).
- Secured 3rd place in Vedic Vision Hackathon conducted by SRKREC among 70+ teams.
- Currently 4th rank in GeeksforGeeks over 3000+ students in SRKR Institution.

## Extra-Curricular Activities

- Technical Lead, SRKR Coding Club** – Responsible for coordinating technical activities, reporting team status, and monitoring club project progress.
- Manager, CodeQuest** – Managing daily operations of the POTD event by curating and publishing coding challenges, evaluating user submissions, and sharing structured solutions to encourage consistent learning and engagement.